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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/622,152	07/16/2003	Sathyanarayanan Kavacheri	SUN-P030067	1921

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EXAMINER

ISMAIL, SHAWKI SAIF

ART UNIT	PAPER NUMBER
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2155

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/18/2006	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/622,152

Applicant(s)

KAVACHERI ET AL.

Examiner

Shawki S. Ismail

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 7/22/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED OFFICE ACTION

1. This communication is responsive to the application filed on July 16 2003. Claims 1-27 are presented for examination.

Applicant's claim for priority is acknowledged.

References in applicant's IDS form 1449 received July 22, 2004 have been considered.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 4, 6, 9, and 10 recite the limitation "client data storage unit" There is insufficient antecedent basis for this limitation in the claim. Applicant is advised to review the remaining claims for similar problems. Appropriate correction is required.

Claim Rejections - 35 USC §102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 1-27, are rejected under 35 U.S.C. 102(e) as being anticipated by **Jiang et al.**, (Jiang) U.S. Patent No. **6,741,853**.

5. As to claim 1, Jiang teaches a wireless network environment, comprising:

a plurality of classes of wireless clients, each comprising unique identifiers and attributes independent of other classes of wireless clients within the wireless network environment(refer to Fig. 2, col. 6, lines41-50, plurality of wireless devices); and

a wireless client independent portal server coupled to communicate with said plurality of classes of wireless clients to provide a series of services available on said portal server, said plurality of classes of wireless clients issuing service requests to the portal server via established communication links and protocols within the network (Fig. 2, col. 6, lines 51-64 WPM 210); and

wherein one of said services comprise a hierarchical client detection service using extensible predefined parameters (col. 20, lines 1-58).

6. As to claim 2, Jiang teaches a wireless network environment of claim 1, wherein said hierarchical client detection service comprises client detection logic for hierarchically detecting client specific attributes from service requests issued to said portal server from a wireless client device within any of the plurality of classes of wireless clients (col. 20, lines 1-58).

7. As to claim 3, Jiang teaches a wireless network environment of claim 2, wherein said portal server further includes a wireless client data storage unit coupled to said

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client detection logic to store client data objects which uniquely define each client within said plurality of classes of wireless clients (col. 9, lines 10-15).

8. As to claim 4, Jiang teaches a wireless network environment of claim 2, wherein said client detection logic further detects client specific attributes of a wireless client by hierarchically searching said client data storage unit to extract profile information from the portal server by examining a hypertext transport protocol header coming from the client's request (col. 20, lines 1-58).

9. As to claim 5, Jiang teaches a wireless network environment of claim 3, wherein said client detection logic comprises client data distinguishing logic for distinguishing between predefined client information pertaining to a client within any of said plurality of classes of wireless clients stored in said wireless client data storage unit and client data information which is dynamically extracted by said client detection logic from incoming client requests to the portal server (col. 20, lines 1-58).

10. As to claim 6, Jiang teaches a wireless network environment of claim 4, wherein said client detection logic is extensible to dynamically gather client specific information as said client issues service requests to said portal server and when said client specific information is not available in said wireless client data storage unit (col. 20, lines 1-58).

11. As to claim 7, Jiang teaches a wireless network environment of claim 6, wherein said client detection logic extracts client specific attributes from a user-agent Hyper Text Transport Protocol header from a client request to the portal server (col. 20, lines 1-58).

12. As to claim 8, Jiang teaches a wireless network environment of claim 7, wherein said client detection logic extracts client specific attributes from headers other than said user-agent Hyper Text Transport Protocol header (col. 20, lines 1-58).

13. As to claim 9, Jiang teaches a wireless network environment of claim 6, wherein said wireless client data storage unit comprises an internal client data storage unit for storing new client instance transient data that is absent from the portal server for wireless client devices connecting to said portal server (col. 20, lines 1-58).

14. As to claim 10, Jiang teaches a wireless network environment of claim 9, wherein said wireless client data storage unit further comprises an external client data storage unit for storing persistent data comprising extensible predefined data (col. 20, lines 1-58).

15. As to claims 11-27, they do not teach or define any new limitations above claims 1-10 therefore, they are rejected for similar reasons.

16. Examiner Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

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Contact Information


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawki S Ismail whose telephone number is 571-272-3985. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached at 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shawki Ismail
Patent Examiner
December 10, 2006




BHARAT BAROT
PRIMARY EXAMINER